

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided
they contain the same information)

1. Name of Applicant or Company Diatex Inc.
2. Proposed type of operation Placer Mine
3. (a) Prior Land Use(s) Mining TNT
(b) Current Land Use(s) Mining
(c) Possible or Prospective Future Land Use(s) Placer Mining
4. What vegetation exists on the land proposed to be affected Spurge Grass

(a) Types and Estimated Percent cover or density: 1%
5. What is the pH range of soil before mining? 7.1 pH
Name of Person or Agency and method of determining pH Diatex Laboratories
6. Site elevation above sea level 4350
7. In case of coal, oil shale, and bituminous sandstone:
Principal seam(s) and thickness(es) N/A
8. Estimated duration of mining operations 4 years
9. ☒ Has overburden, waste or rejected materials been classified as acid or alkali producing? () Yes (X) No
Does the above material being moved have any other characteristics affecting revegetation? River Gravel
10. Will any underground workings or aquifers be encountered? () Yes (X) No
Describe Colorado river water table?
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? () Yes (X) No If yes, describe the quality of water being discharged. _____

11. Describe specifically a detailed procedure for:
- The mining sequence
 - The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
 - The procedure for site preparation including removing trees and brush.
 - The method for removing and stockpiling topsoil or disturbed materials.
 - The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
 - A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- Typical cross-section of regrading.
- The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- What type of soil treatment will be utilized.
- The method of drainage control for the final regraded area.
- Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

None - Sandstone & River Gravel

Describe method for the testing of soil that is intended to support vegetation

None Based on our local Experience

2. Describe any soil treatment employed as an aid to revegetation _____

None

3. Describe surface preparation of areas intended to support vegetation:

The areas will be reclaimed and levelled to its original formations. A test plot will be set up in cooperation with State Biologists to determine a type and species for revegetation.

REVEGETATION

1. Revegetation to be completed by:

☐ Operator
☐ Soil Conservation District
☐ Private Contractor
☐ Other (specify) _____

☐ Hydroseeding
☐ Aerial Seeding
☐ Conventional or Rangeland Drill
☐ Broadcast and Drag
☐ Other _____

11. Describe specifically a detailed procedure for:

(a) As per schedule A we propose to set up as indicated on the diagram. Our discharge will be contained in area identified as Ravine. We propose building of a gravel dam at the North end to filter any water returning to the Colorado River. ✓ *must be approved by Don Safety, & Health*

Initially mined material will be that taken from Area A. The oversized washed discharge from the wash plant will be used to lengthen and heightened the dam's 1 & 2.

The Ravine is sufficiently large to accomodate 140 days operating at a gross feed of 1200 Ton per day.

When the Ravine is full the area A will be ready as our second tailings dump and area B will be mined.

(b) No roads will be built, only surface traveling. ✓

(c) There are very few shrubs on the property and no clearing of overburden is necessary.

(d) As above - there is no top soil.

(e) All disturbed materials will be those going through the plant and contained as in (a) above.

(f) As we proceed up the valley, each containment area will be levelled as to its original state.

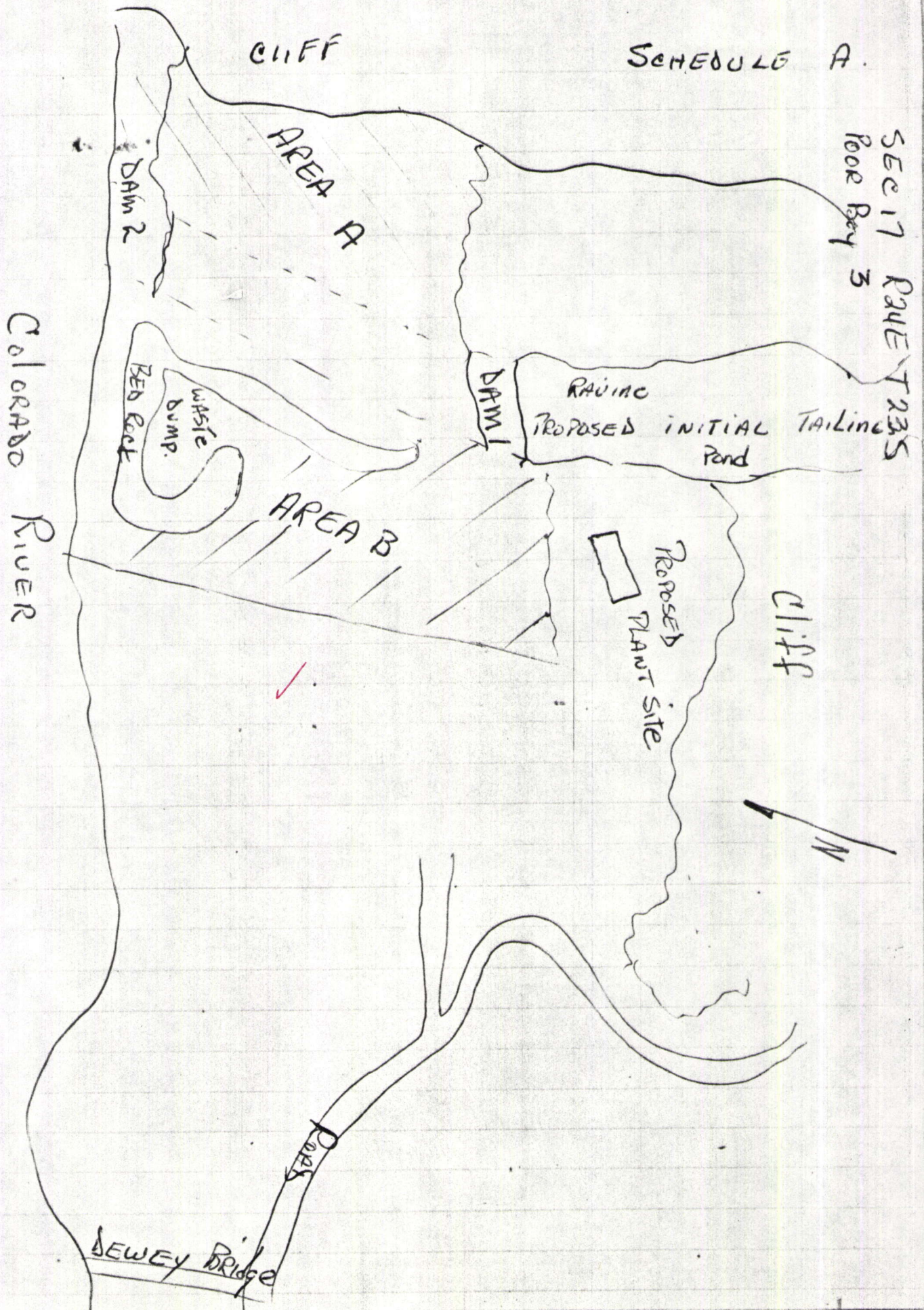
Grading And Regrading

(a) - (e)

The property consists of sand stone, River gravel and fine sand. There is no top soil and therefore only the odd shrub and tuft of grass. We will level all mined area and return it to original state as best possible.

SCHEDULE A.

See 17 RATE TRS
Pool Bay 3



CLIFF

AREA A

DAM 2

Colorado River

Red Rock
waste
dump.

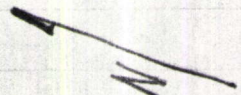
AREA B

DAM 1

RAVINE
PROPOSED INITIAL TAILING
Pond

CLIFF

Proposed
PLANT site



Pools

DEWEY Bridge

2. Will Mulch be used? () Yes (x) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes () No Will vegetation protection be needed? _____

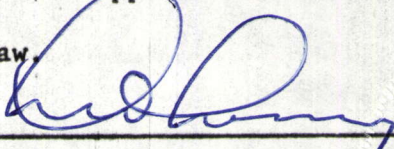
5. Will irrigation be used: () Yes (x) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.


STATE OF Utah

COUNTY OF Grand

I, Leo A. Lemay, having been duly sworn
depone and attest that all of the representations contained in the foregoing
application are true to the best of my knowledge; that I am authorized to
complete and file this application on behalf of the Applicant and this
application has been executed as required by law.

Signed: 

Taken, subscribed and sworn to before me the undersigned authority
in my said county, this 11th day of April, 1981.

Notary Public: 

My Commission Expires: 8-10-82

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as
follows:

"Information relating to the location, size, or nature
of the deposit and marked confidential by the operator,
shall be protected as confidential information by the
Board and the Division and not be a matter of public
record in the absence of a written release from the
operator, or until the mining operation has been
terminated as provided in subsection (2) of section
40-8-21."

Is confidential information contained herein?

YES



(Initial)

NO



(Initial)

Sections desired to be maintained as confidential information -

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